

**State Route 65/McGowan Parkway Interchange Option A**  
**Cost Estimate Summary**

03-YUBA-70, PM 7.34  
EA 03-3E810K

**PROJECT DESCRIPTION:**

**Limits:** Hwy 65 / McGowen Parkway

**Proposed Improvement (Scope):** Major improvements include: McGowen Parkway widening including bridge OC, and widening/improvement to SR 70 NB/SB on/off ramps. NO mainline widening anticipated at this time.

**Alternative:** OPTION A

**SUMMARY OF PROJECT COST ESTIMATE**

TOTAL ROADWAY ITEMS	\$ 5,060,000
TOTAL STRUCTURE ITEMS	\$ 1,580,000
SUBTOTAL CONSTRUCTION COSTS	\$ 6,640,000
TOTAL RIGHT OF WAY ITEMS	\$ 420,000
TOTAL ALTERNATIVE COST	\$ 7,060,000

**Reviewed by District Program Manager**

\_\_\_\_\_  
(Signature)

**Approved by Project Manager**

\_\_\_\_\_  
(Signature)

Date

Phone Number

## I. ROADWAY ITEMS

<u>Section 1. Earthwork</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Roadway Excavation	7,484	CY	\$ 20.00	\$ 149,680	
Import Barrow	45,000	CY	\$ 17.00	\$ 765,000	
Remove Curb and Gutter	605	FT	\$ 6.00	\$ 3,630	
Remove SW	605	SF	\$ 3.00	\$ 1,815	
Import Barrow	16,200	CY	\$ 3.00	\$ 48,600	
Remove AC Pavement- Realignment of ramps	17,630	SF	\$ 3.00	\$ 52,890	
Clearing & Grubbing		LS	\$ 25,000.00	\$ 25,000	
Remove Unsuitable Material			\$ -	\$ -	
Develop Water Supply			\$ -	\$ -	
<b>Subtotal Earthwork</b>					<b>\$ 1,046,615</b>

<u>Section 2. Pavement Structural Section</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
PCC Pavement (1.0' Depth) Curb and Gutter	129	CY	\$ 625.00	\$ 80,625	
PCC Pavement (1.0' Depth) Median Curb	23	CY	\$ 625.00	\$ 14,375	
PCC Pavement (0.5' Depth) Medians	125	CY	\$ 300.00	\$ 37,500	
PCC Pavement (0.5' Depth) SW	242	CY	\$ 300.00	\$ 72,600	
Asphalt Concrete (0.5' Depth)	3,553	TON	\$ 100.00	\$ 355,300	
Open Graded AC (___ Depth)			\$ -	\$ -	
Cement-Treated Base			\$ -	\$ -	
Aggregate Base (1.75' Depth)	6,067	CY	\$ 50.00	\$ 303,350	
Treated Permeable Base			\$ -	\$ -	
Aggregate Subbase			\$ -	\$ -	
Pavement Reinforcing Fabric			\$ -	\$ -	
Asphaltic Emulsion Binder			\$ -	\$ -	
Crack Sealing			\$ -	\$ -	
AC Cold Planing	77,000	SF	\$ 1.00	\$ 77,000	
Shoulder Backing			\$ -	\$ -	
<b>Subtotal Pavement Structural Section</b>					<b>\$ 940,750</b>

<u>Section 3. Drainage</u>	<u>Section Cost</u>
\$ 3,145,302 x (10%) =	\$ 314,530
(Subtotal Sections 1, 2, 4 & 5)	
<b>Subtotal Drainage Items</b>	<b>\$ 314,530</b>
<b>Subtotal Drainage</b>	<b>\$ 314,530</b>

<u>Section 4. Specialty Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
\$ 2,859,365	x (10%) =		\$ 285,937		
(Subtotal Sections 1, 2, 4 & 5)					

**Subtotal Specialty Items** \$ 285,937

<u>Section 5. Traffic Items</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Item Cost</u>	<u>Section Cost</u>
Lighting	12	EA	\$ 6,000	\$ 72,000	
Traffic Signals	6	EA	\$ 25,000	\$ 150,000	
Overhead Signs	1	EA	\$ 85,000	\$ 85,000	
Construction Area Signs	25	EA	\$ 200	\$ 5,000	
Traffic Control	150	DAY	\$ 3,500	\$ 525,000	
Incl Traffic Control Systems and Traffic Delineation Items and Transportation Management Plan Signing and Striping		LS	\$ 35,000	\$ 35,000	

**Subtotal Traffic Items Section** \$ 872,000

**TOTAL SECTIONS 1 thru 5** \$ 3,173,895

**Section 6. Minor Items**

**Section Cost**

\$ 3,173,895 x (10%) = \$ 317,390  
(Subtotal Sections 1 thru 5)

**Subtotal Minor Items** \$ 317,390

**Section 7. Roadway Mobilization**

**Section Cost**

\$ 3,491,285 x (10%) = \$ 349,128  
(Subtotal Sections 1 thru 6)

**Subtotal Roadway Mobilization** \$ 349,128

**Section 8. Roadway Additions**

**Section Cost**

Supplemental Work  
\$ 3,491,285 x (10%) = \$ 349,128  
(Subtotal Sections 1 thru 6)

Contingencies  
\$ 3,491,285 x (25%) = \$ 872,821  
(Subtotal Sections 1 thru 6)

**Subtotal Roadway Additions** \$ 1,221,950

**TOTAL ROADWAY ITEMS** \$ 5,062,363  
(Subtotal Sections 1 thru 8)

**CALL** \$ 5,060,000

**Estimate Prepared By** Scott Jones **Phone #** (916) 781-9878 **Date** Oct-08  
(Print Name)

**Estimate Checked By** Sandy Wong **Phone #** (916) 781-9878 **Date** Oct-08  
(Print Name)

## II. STRUCTURES ITEMS

	Structure
Bridge Name	<u>McGowen OC Widening</u>
Structure Type	<u>CIP P/S</u>
Width (out to out) - (ft)	<u>24'-0"</u>
Length - (ft)	<u>295'-11 3/4"</u>
Total Area -(ft <sup>2</sup> )	<u>7104</u>
Footing Type (pile/spread)	<u>Assumed 16" CIDH</u>
Cost per ft <sup>2</sup>	
Incl 10% mobilization and 25% contingency)	\$ <u>215</u>
Bridge Removal	\$ <u>50,000</u>
Total Cost For Structure	\$ <u>1,580,000</u>

**Subtotal Structures Items** \$ 1,580,000  
(Sum of Total Cost for Structures)

<b>Railroad Related Costs:</b> Not Applicable for OC	\$ <u>-</u>
	\$ <u>-</u>
	\$ <u>-</u>
<b>Subtotal Railroad Items</b>	\$ <u>-</u>

**TOTAL STRUCTURES ITEMS** \$ 1,580,000  
(Sum of Structures Items plus Railroad Items)

**COMMENTS:** See APS approved 12/15/2008 by AD

<b>Estimate Prepared By</b>	<u>Scott Jones</u> (Print Name)	<b>Phone #</b>	<u>(916) 781-9878</u>	<b>Date</b>	<u>Oct-08</u>
<b>Estimate Checked By</b>	<u>Sandy Wong</u> (Print Name)	<b>Phone #</b>	<u>(916) 781-9878</u>	<b>Date</b>	<u>Oct-08</u>

**III. RIGHT OF WAY ITEMS**

	ESCALATED VALUE
A. Acquisition, including excess lands, damages to remainder(s) and Goodwill	\$ 250,000
B. Utility Relocation (State Share)	\$ 150,000
C. Relocation Assistance	\$ -
D. Clearance/Demolition	\$ -
E. Title and Escrow Fees	\$ 15,000

**TOTAL RIGHT OF WAY ITEMS** \$ 420,000

Anticipated Date of Right of Way Certification: \_\_\_\_\_  
(Date to which Values are Escalated)

**F. Construction Contract Work**

Brief Description of Work:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Right of Way Branch Cost Estimate for Work\* \$ -

\*This dollar amount is to be included in the Roadway  
and/or Structures Items of Work, as appropriate.  
Do not include in Right of Way Items.

**COMMENTS:**

<b>Estimate Prepared By</b>	<u>Scott Jones</u> (Print Name)	<b>Phone #</b>	<u>(916) 781-9878</u>	<b>Date</b>	<u>Oct-08</u>
<b>Estimate Checked By</b>	<u>Sandy Wong</u> (Print Name)	<b>Phone #</b>	<u>(916) 781-9878</u>	<b>Date</b>	<u>Oct-08</u>